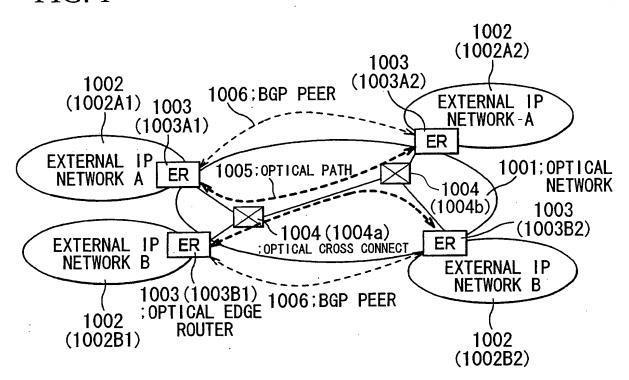
FIG. 1



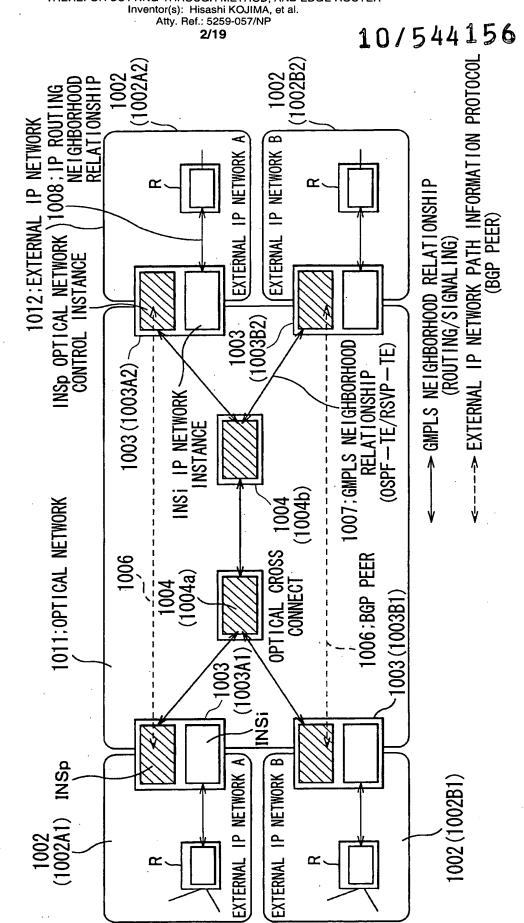


FIG.

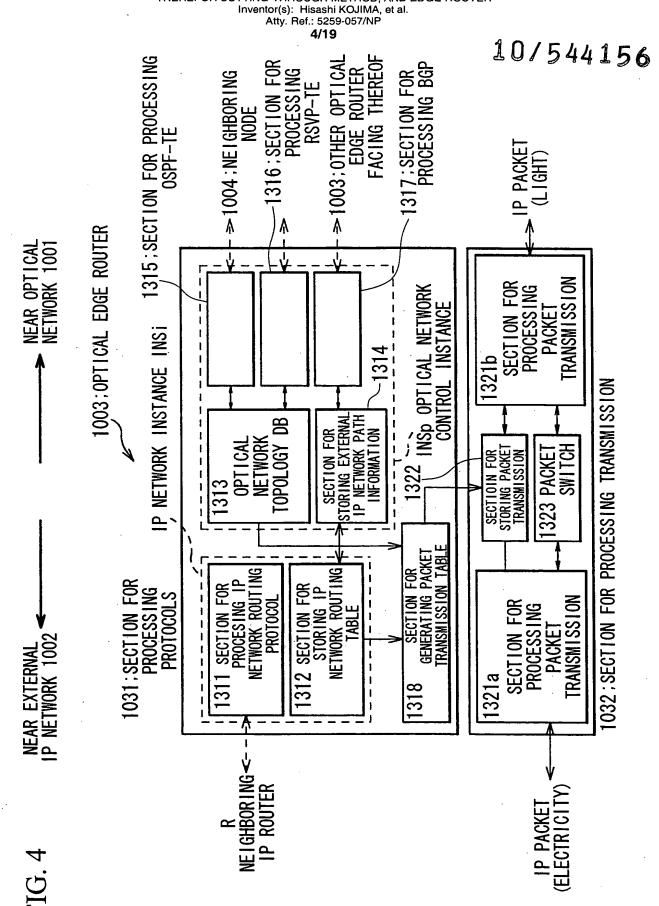
Title: OPTICAL NETWORK, OPTICAL EDGE ROUTER, AND PROGRAM THEREFOR CUTTING-THROUGH METHOD, AND EDGE ROUTER Inventor(s): Hisashi KOJIMA, et al.
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FIG. 3

## ROUTING TABLE (IP NETWORK ROUTING TABLE)

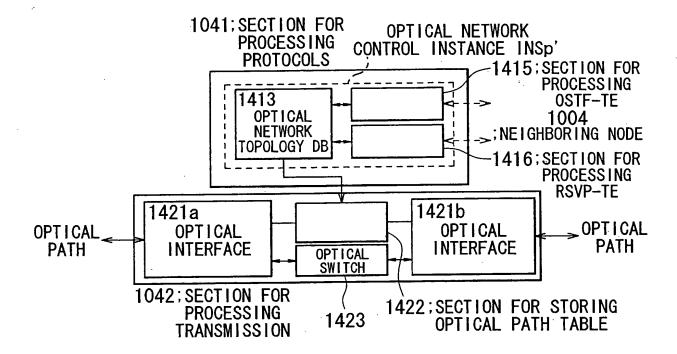
Destination network address	Address mask	Next hop
xx. xx. xx. x	xxx. x. x. x	xxx. xx. xx. xx
x. xx. x. xx	xxx. xxx. xx. x	direct
•••	•••	•••

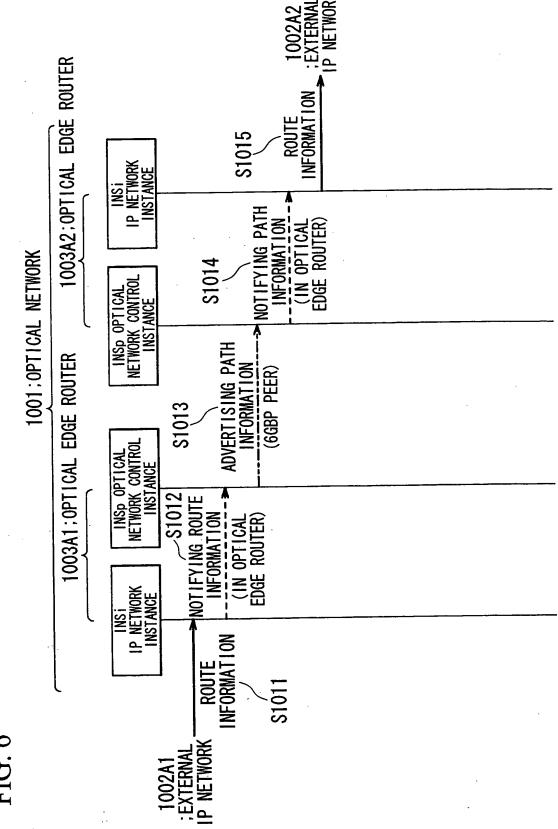


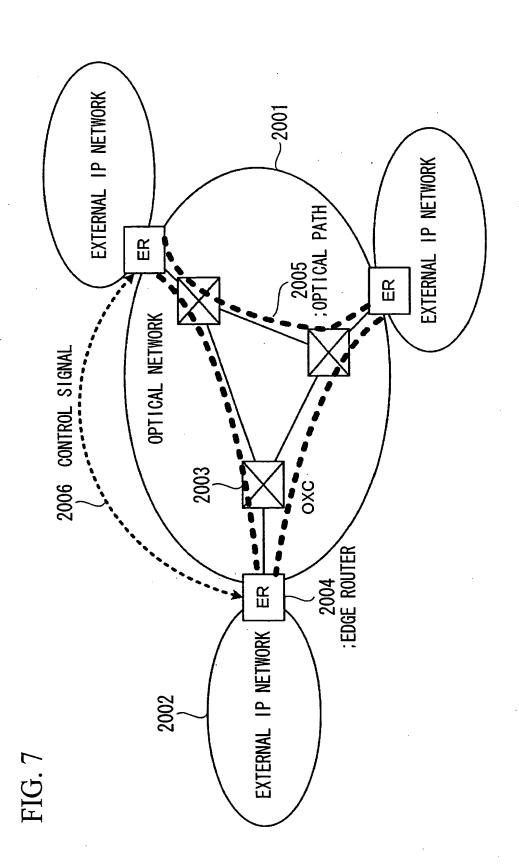
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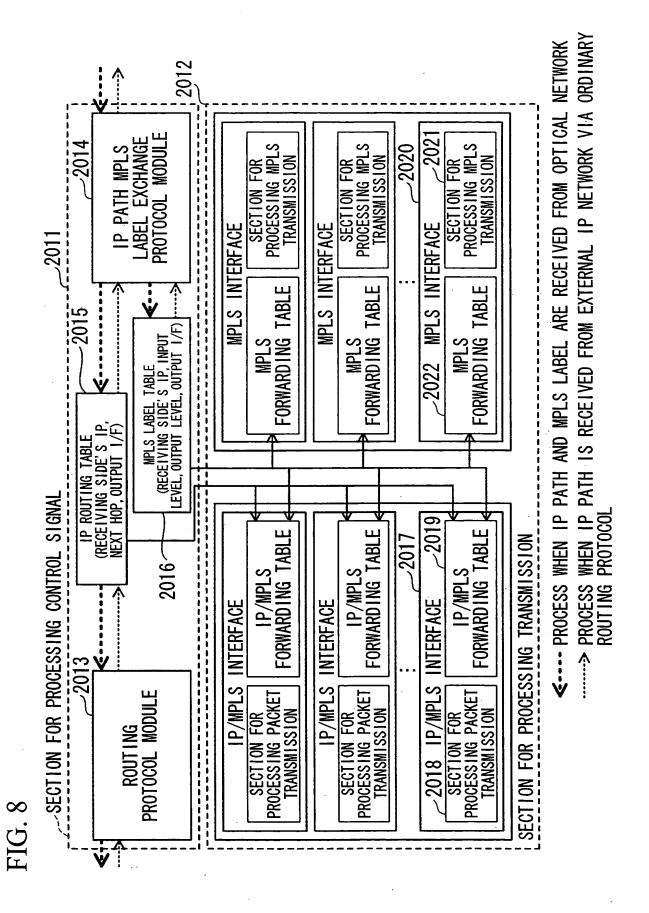
FIG. 5







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y. Her.: 5259 **9/19** 

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FIG. 9

2031	2032	2033	2034
RECEIVING SIDE'S IP ADDRESS	INPUT LABEL VALUE	OUTPUT LABEL VALUE	OUTPUT INTERFACE
100.1.0.0/16	.—	105	5
100.2.1.0/24	100	_	1
100.2.2.0/24	345		2 .

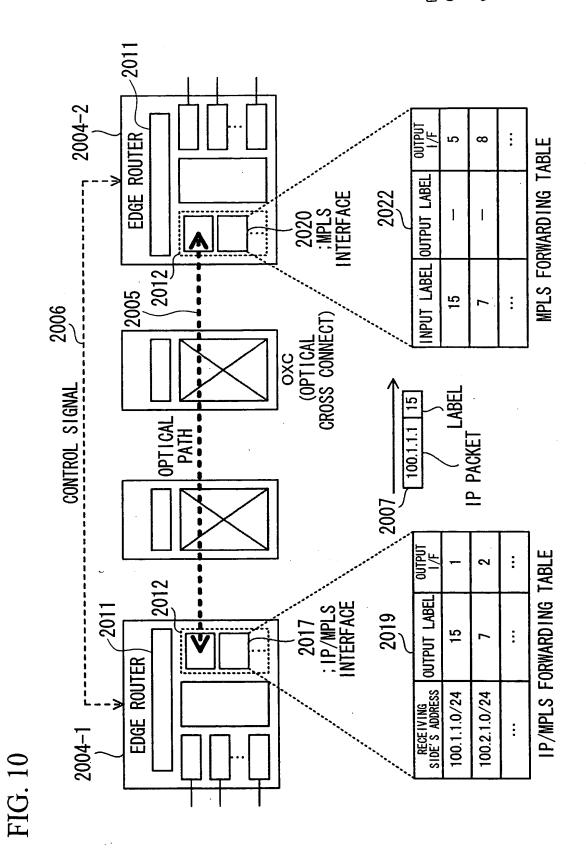


FIG. 12

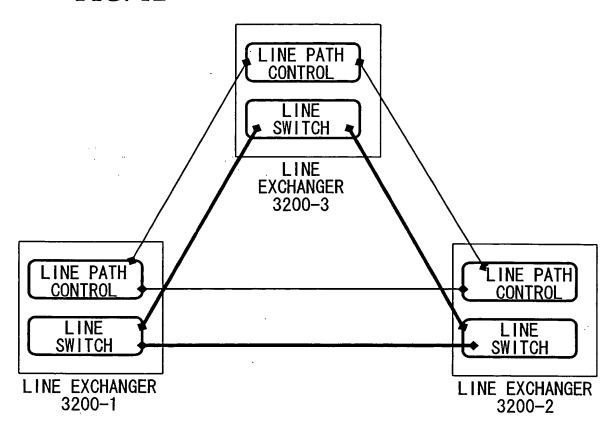


FIG. 13

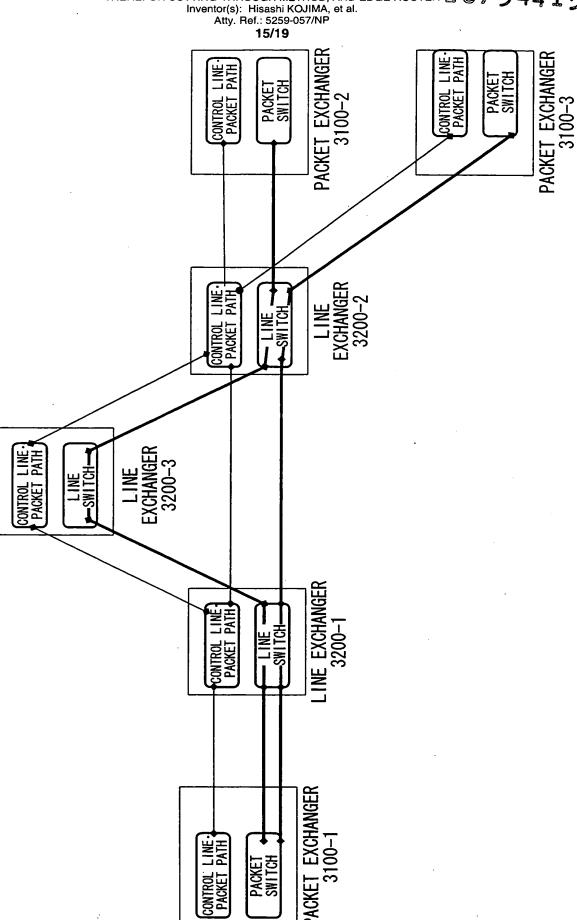


FIG. 1'

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Atty. Ref.: 5259-057/NP
18/19 PACKET EXCHANGER 31000-3 PACKET EXCHANGER 31000-2 LINE Path control PATH CONTROL COOPERATI CONTROL PACKET SWITCH

PACKET EXCHANGER 31000-1

LINE Path control

PACKET SWITCH◆

COOPERATIVE CONTROL

FIG. 18